



DEVOPS SEMINAR

< FULL STACK />



DEVOPS SEMINAR



Slug of the day: `nsapool03`



The whole day should be done on a new virtual machine.

ex00 - Server machine

Create a new Debian 13 VM which does not have graphical interface.



You can NOT keep yesterday's machine.



[download the autograder AMD64](#) or [download the autograder ARM64](#) on the `vm-server` and use it from there.

ex01 - Binaries required

For this day you need to install some binaries:

- ✓ curl
- ✓ symfony
- ✓ composer
- ✓ php >= 8.0
- ✓ node
- ✓ mariadb-server

These binaries can be called anywhere.



Check the versions.



environment variable

ex02 - Web server

You must install apache2 and configure it.
The apache server must answer on port 8080.

ex03 - Database

Install the database provided.
Root account for database must have the following password: `Nm3ZaMg64`

`mariadb-server` must be available from outside of the `vm-server`.



mysql_secure_installation

ex04 - Configure database

Create a user for the database with the following features:

- ✓ user: `data-backend`
- ✓ rights: All on all databases
- ✓ password: `EwUrk9Q46`

ex05 - Phpmyadmin

Install *phpmyadmin* in order to manage the database.

This panel must be available at [http://\[yourLocalIP\]:8080/phpmyadmin](http://[yourLocalIP]:8080/phpmyadmin)

ex06 - Frontend

The provided frontend must be located in </var/www/frontend>.

It must be available on port 8080 at [http://\[yourIP\]:8080/](http://[yourIP]:8080/).

v 1.4.2



{EPITECH}